



8EHQ-0203-15274

Praxair, Inc.
39 Old Ridgebury Road
Danbury, CT 06810-5113

January 30, 2003

Document Processing Center [7407M]
EPA East – Room 6428 Attn: Section 8(e)
Office of Pollution Prevention & Toxics
U. S. Environmental Protection Agency
1200 Pennsylvania Ave., NW
Washington, DC 20460 – 0001



8EHQ-03-15274

2003 MAR 10 AM 9:46

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OFFICE

Registered Mail
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Re: TSCA 8(e) Report [Intravascular Hemolysis from Carbonyl Sulfide Exposure]

Dear Sir or Madam;

Praxair, Inc is reporting an episode in which a vendor's employee was exposed to a combination of carbonyl sulfide, hydrogen sulfide and inert nitrogen gas. His exposure lasted from seconds to minutes as he attempted to shut a valve on a cylinder that contained this combination of gases.

He subsequently felt ill, experienced upper respiratory distress, nausea and was hospitalized. Upon admission it was noted he was severely anemic and beginning to undergo renal failure. Subsequent analysis while in the hospital demonstrated that the individual suffered from a case of intravascular hemolysis with acute renal failure as a consequence. We are bringing this information to your attention because, to the best of our knowledge, intravascular hemolysis due to exposure to carbonyl sulfide has not been previously observed.

With fluids, rest and rehydration, he has recovered fully and is back to work.

We feel that this report may possibly be premature as our Medical Director has not yet received the employee's hospital records for review.

We will follow up with your office as soon as these records are received and reviewed.

Please call me at 203-837-2531 if you have any questions.

Sincerely,



88030000069

Joanne Marquis
Joanne Marquis

Manager, Occupational Health & Product Safety

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Contain NO CBI